BRUHAT BENGALURU MAHANAGARA PALIKE

Name of work : Modified Estimate for IMPROVEMENTS AND ASPHALTING TO ROADS AT AGRAHARA LAYOUT IN WARD NO 05, BYATARAYANAPURA SUB DIVISION

							Estimate		3,9000000
Sl No	Description of work	No	Dimensions			Quantity	Rate	Unit	Amount
			L	B	D				
1	2	3	4	5	6	7	8	9	10
1	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1 **P-5 lt,2.1**								
	Basic Rate	157.00							
	Area Weightage 6%	9.42							
	Total	**166.42**							
	Thirumenahalli main road	1	596.00	7.06	0.2	841.55			
	21st cross, main road to compound	1	187.10	4.32	0.15	121.24			
	22nd cross, compound to main road	1	133.40	4.12	0.15	82.44			
	23rd cross, main road to compound	1	96.00	4.25	0.15	61.20			
	24th cross, compound to main road	1	50.40	4.15	0.15	31.37			
	1st main	1	499.30	4.80	0.15	359.50			
	2nd main	1	464.50	4.27	0.15	297.16			
	3rd main	1	500.00	6.33	0.15	474.38			
	Near busstop	1	22.80	19.55	0.45	200.58			
		-1	2.75	4.80	0.45	-5.94			
	18th cross, from main road upto Agrahara main road junction	1	192.00	4.64	0.15	133.63			
	7th main from Thirumenahalli Main Road	1	147.10	4.56	0.45	301.85			
	5th main from Thirumenahalli Main Road	1	172.60	4.84	0.45	375.92			
	2nd main from Thirumenahalli Main Road to Masjid Road	1	159.00	4.54	0.15	108.28			
	10th cross 1st main to compound	1	143.00	4.49	0.15	96.31			
	11th cross from compound to 3rd main	1	253.00	4.47	0.15	169.64			
	15th cross from compound to 3rd main	1	163.00	4.63	0.15	113.20			
	16th cross from compound to 4th main	1	216.30	5.01	0.15	162.55			
	17th cross from compound to 3rd main	1	153.05	4.53	0.15	104.00			
	19th cross from compound to 3rd main	1	144.00	4.20	0.15	90.72			
	20th cross from compound to 3rd main	1	140.80	4.53	0.15	95.67			
	14th cross, 1st main mid to end	1	53.80	4.27	0.15	34.46			
	Agrahara Layout main road	1	453.60	6.95	0.2	630.50			
	Deduct for Culvert	-10	4.50	1.50	0.15	-10.13			
				Total		**4870.10**	**166.42**	**Cum**	**810482**

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	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5. ***P-3 It,2.4***								
	Basic Rate	*283.00*							
	Area Weightage 6%	*16.98*							
	Total	***299.98***							
	Pipeline cut portion								
	Thirumenahalli main road	2	596.00	*2.23*	*0.45*	*1196.17*			
	21st cross, main road to compound	2	187.10	*1.00*	*0.45*	*168.39*			
	22nd cross, compound to main road	2	133.40	*1.00*	*0.45*	*120.06*			
	23rd cross, main road to compound	2	96.00	*1.00*	*0.45*	*86.40*			
	24th cross, compound to main road	2	50.40	*1.00*	*0.45*	*45.36*			
	1st main	2	499.30	*1.00*	*0.45*	*449.37*			
	2nd main	2	464.50	*1.00*	*0.45*	*418.05*			
	3rd main	2	541.90	*1.00*	*0.45*	*487.71*			
	18th cross, from main road upto Agrahara main road junction	2	192.00	*1.00*	*0.45*	*172.80*			
	2nd main from Thirumenahalli Main Road to Masjid Road	2	153.00	*1.00*	*0.45*	*137.70*			
	10th cross 1st main to compound	2	142.90	*1.00*	*0.45*	*128.61*			
	11th cross from compound to 3rd main	2	253.00	*1.00*	*0.45*	*227.70*			
	15th cross from compound to 3rd main	2	163.00	*1.00*	*0.45*	*146.70*			
	16th cross from compound to 4th main	2	216.30	*1.00*	*0.45*	*194.67*			
	17th cross from compound to 3rd main	2	153.05	*1.00*	*0.45*	*137.75*			
	19th cross from compound to 3rd main	2	144.00	*1.00*	*0.45*	*129.60*	-		
	20th cross from compound to 3rd main	2	140.80	*1.00*	*0.45*	*126.72*			
	14th cross, 1st main mid to end	2	53.80	*1.00*	*0.45*	*48.42*			
	Agrahara Layout main road	2	453.60	*2.28*	*0.45*	*930.79*			
	Desilt	2	625.00	*0.50*	*0.40*	*250.00*			
	Deduct for Culvert	-10	4.50	*1.50*	*0.45*	*-30.38*			
					Total	***5572.59***	***299.98***	***Cum***	***1671666***
3	*KSRRB M100-1 Loading and unloading of stone boulder/stone aggregates/sand/.kanker/moorum. KSRRB M100-1:Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1* ***(P-130, It.No. 17.1)***								
	Basic Rate Conveying for 10 km	*106.00*							
	Total	***106.00***							
	QtyVid ItemNo. 1					*4870.10*			
	QtyVid ItemNo. 2					*5572.59*			
					Total	***10442.69***	***106.00***	***Cum***	***1106925***
4	*KSRRB 300- Scarifying the surface and dressing KSRRB 300-44 Scarifying top bituminous surface or surface dressing or premix carpet including picking up scarified materials, stacking of old serviceable materials by manual means including cost of all abour charges complete as per specifications. MORTH / Chapter 3P-147, It 19.50*								
	Basic Rate	*25.00*							
	Area Weightage6%	*1.50*							
	Total	***26.50***							
	Thirumenahalli main road	1	596.00	*7.06*		*4207.76*			

	21st cross, main road to compound	1	187.10	4.32		808.27			
	22nd cross, compound to main road	1	133.40	4.12		549.61			
	23rd cross, main road to compound	1	96.00	4.25		408.00			
	24th cross, compound to main road	1	50.40	4.15		209.16			
	1st main	1	499.30	4.80		2396.64			
	2nd main	1	464.50	4.27		1981.09			
	3rd main	1	500.00	6.31		3155.00			
	18th cross, from main road upto Agrahara main road junction	1	192.00	4.64		890.88			
	2nd main from Thirumenahalli Main Road to Masjid Road	1	158.90	4.54		721.41			
	10th cross 1st main to compound	1	142.90	4.49		641.62			
	11th cross from compound to 3rd main	1	253.00	4.47		1130.91			
	15th cross from compound to 3rd main	1	163.00	4.63		754.69			
	16th cross from compound to 4th main	1	216.30	5.01		1083.66			
	17th cross from compound to 3rd main	1	153.05	4.53		693.32			
	19th cross from compound to 3rd main	1	144.00	4.20		604.80			
	20th cross from compound to 3rd main	1	140.80	4.53		637.82			
	14th cross, 1st main mid to end	1	53.80	4.27		229.73			
	Agrahara Layout main road	1	453.60	6.95		3152.52			
		-2	3541.00	1.00		-7082.00			
		-2	596.00	2.23		-2658.16			
		-2	453.60	2.28		-2068.42			
	Deduct for Culvert	-10	4.50	1.50		-67.50			
					Total	**12380.81**	**26.50-**	**Sqm**	**328092**
5	*KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3 P-149, It 19.64*								
	Basic Rate	*5.00*							
	Area Weightage6%	*0.30*							
	Total	***5.30***							
	Thirumenahalli main road	1	596.00	7.06		4207.76			
	21st cross, main road to compound	1	187.10	4.32		808.27			
	22nd cross, compound to main road	1	133.40	4.12		549.61			
	23rd cross, main road to compound	1	96.00	4.25		408.00			
	24th cross, compound to main road	1	50.40	4.15		209.16			
	1st main	1	499.30	4.80		2396.64			
	2nd main	1	464.50	4.27		1981.09			
	3rd main	1	567.60	6.33		3590.07			
	18th cross, from main road upto Agrahara main road junction	1	192.00	4.64		890.88			
	7th main from Thirumenahalli Main Road	1	147.10	4.56		670.78			
	5th main from Thirumenahalli Main Road	1	172.60	4.84		835.38			

	2nd main from Thirumenahalli Main Road to Masjid Road	1	158.90	4.54		721.41			
	10th cross 1st main to compound	1	142.90	4.49		641.62			
	11th cross from compound to 3rd main	1	253.00	4.47		1130.91			
	15th cross from compound to 3rd main	1	163.00	4.63		754.69			
	16th cross from compound to 4th main	1	216.30	5.01		1083.66			
	17th cross from compound to 3rd main	1	153.05	4.53		693.32			
	19th cross from compound to 3rd main	1	144.00	4.20		604.80			
	20th cross from compound to 3rd main	1	140.80	4.53		637.82			
	14th cross, 1st main mid to end	1	53.80	4.27		229.73			
	Agrahara Layout main road	1	453.60	6.95		3152.52			
	Deduct for Culvert	-10	4.50	1.50		-67.50			
					Total	***26130.62***	***5.30***	***Sqm***	***138493***
6	*KSRRB M400-6.1. Construction of granular sub-base by providing close graded material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. P-155, It 20.4.2*								
	Basic Rate	*1571.00*							
	Area Weightage 6%	*94.26*							
	Total	***1665.26***							
	7th main from Thirumenahalli Main Road	1	147.10	4.56	0.2	134.16			
	5th main from Thirumenahalli Main Road	1	172.60	4.84	0.2	167.08			
	Pipeline cut portion								
	Thirumenahalli main road	2	596.00	2.23	0.20	531.63			
	21st cross, main road to compound	2	187.10	1.00	0.20	74.84			
	22nd cross, compound to main road	2	133.40	1.00	0.20	53.36			
	23rd cross, main road to compound	2	96.00	1.00	0.20	38.40			
	24th cross, compound to main road	2	50.40	1.00	0.20	20.16			
	1st main	2	499.30	1.00	0.20	199.72			
	2nd main	2	464.50	1.00	0.20	185.80			
	3rd main	2	523.00	1.00	0.20	209.20			
		1	22.90	19.55	0.20	89.54			
	18th cross, from main road upto Agrahara main road junction	2	192.00	1.00	0.20	76.80			
	2nd main from Thirumenahalli Main Road to Masjid Road	2	155.00	1.00	0.20	62.00			
	10th cross 1st main to compound	2	142.90	1.00	0.20	57.16			
	11th cross from compound to 3rd main	2	253.00	1.00	0.20	101.20			
	15th cross from compound to 3rd main	2	163.00	1.00	0.20	65.20			
	16th cross from compound to 4th main	2	216.30	1.00	0.20	86.52			
	17th cross from compound to 3rd main	2	153.05	1.00	0.20	61.22			
	19th cross from compound to 3rd main	2	144.00	1.00	0.20	57.60			

	20th cross from compound to 3rd main	2	140.80	*1.00*	*0.20*	*56.32*			
	14th cross, 1st main mid to end	2	53.80	*1.00*	*0.20*	*21.52*			
	Agrahara Layout main road	2	453.60	*2.28*	*0.20*	*413.68*			
	Deduct for Culvert	-10	4.50	*1.50*	*0.20*	*-13.50*			
				Total		***2749.62***	***1665.26***	***Cum***	***4578833***
7	*KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406* ***P-157lt,20.18***								
	Basic Rate	*1668.00*							
	Area Weightage 6%	*100.08*							
	Total	***1768.08***							
	Pipeline cut portion								
	Thirumenahalli main road	2	596.00	*2.23*	*0.25*	*664.54*			
	21st cross, main road to compound	2	187.10	*1.00*	*0.25*	*93.55*			
	22nd cross, compound to main road	2	133.40	*1.00*	*0.25*	*66.70*			
	23rd cross, main road to compound	2	96.00	*1.00*	*0.25*	*48.00*			
	24th cross, compound to main road	2	50.40	*1.00*	*0.25*	*25.20*			
	1st main	2	499.30	*1.00*	*0.25*	*249.65*			
	2nd main	2	464.50	*1.00*	*0.25*	*232.25*			
	3rd main	2	541.70	*1.00*	*0.25*	*270.85*			
	18th cross, from main road upto Agrahara main road junction	2	192.00	*1.00*	*0.25*	*96.00*			
	2nd main from Thirumenahalli Main Road to Masjid Road	2	155.00	*1.00*	*0.25*	*77.50*			
	10th cross 1st main to compound	2	142.90	*1.00*	*0.25*	*71.45*			
	11th cross from compound to 3rd main	2	253.00	*1.00*	*0.25*	*126.50*			
	15th cross from compound to 3rd main	2	163.00	*1.00*	*0.25*	*81.50*			
	16th cross from compound to 4th main	2	216.30	*1.00*	*0.25*	*108.15*			
	17th cross from compound to 3rd main	2	153.05	*1.00*	*0.25*	*76.53*			
	19th cross from compound to 3rd main	2	144.00	*1.00*	*0.25*	*72.00*			
	20th cross from compound to 3rd main	2	140.80	*1.00*	*0.25*	*70.40*			
	14th cross, 1st main mid to end	2	53.80	*1.00*	*0.25*	*26.90*			
	Agrahara Layout main road	2	453.60	*2.27*	*0.25*	*514.84*			
	Full width								
	Thirumenahalli main road	1	596.00	*7.06*	*0.225*	*946.75*			
	21st cross, main road to compound	1	187.10	*4.32*	*0.225*	*181.86*			
	22nd cross, compound to main road	1	133.40	*4.12*	*0.225*	*123.66*			
	23rd cross, main road to compound	1	96.00	*4.25*	*0.225*	*91.80*			
	24th cross, compound to main road	1	50.40	*4.15*	*0.225*	*47.06*			
	1st main	1	499.30	*4.80*	*0.225*	*539.24*			
	2nd main	1	464.50	*4.27*	*0.225*	*445.75*			
	3rd main	1	567.60	*6.33*	*0.225*	*807.77*			

	18th cross, from main road upto Agrahara main road junction	1	192.00	4.64	0.225	200.45			
	7th main from Thirumenahalli Main Road	1	147.10	4.56	0.225	150.92			
	5th main from Thirumenahalli Main Road	1	172.60	4.84	0.225	187.96			
	2nd main from Thirumenahalli Main Road to Masjid Road	1	158.90	4.54	0.225	162.32			
	10th cross 1st main to compound	1	142.90	4.49	0.225	144.36			
	11th cross from compound to 3rd main	1	253.00	4.47	0.225	254.45			
	15th cross from compound to 3rd main	1	163.00	4.63	0.225	169.81			
	16th cross from compound to 4th main	1	216.30	5.01	0.225	243.82			
	17th cross from compound to 3rd main	1	153.05	4.53	0.225	156.00			
	19th cross from compound to 3rd main	1	144.00	4.20	0.225	136.08			
	20th cross from compound to 3rd main	1	140.80	4.53	0.225	143.51			
	14th cross, 1st main mid to end	1	53.80	4.27	0.225	51.69			
	Agrahara Layout main road	1	453.60	6.95	0.225	709.32			
		-2	3541.00	1.00	0.225	-1593.45			
		-2	596.00	2.23	0.225	-598.09			
		-2	453.60	2.28	0.225	-465.39			
	Deduct for Culvert	-10	4.50	1.50	0.20	-13.50			
				Total		**6196.65**	**1768.08**	**Cum**	**10956170**
8	*KSRRB M500-6.Providing and applying primer coat with S.S bitumen emulsion on prepared surface of granular base such as WMM including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means complete as per specifications.* ***P-161 lt,21.6***								
	Basic Rate	*26.00*							
	Area Weightage6%	*1.56*							
	Total	***27.56***							
	Thirumenahalli main road	1	596.00	7.06		4207.76			
	21st cross, main road to compound	1	187.10	4.32		808.27			
	22nd cross, compound to main road	1	133.40	4.12		549.61			
	23rd cross, main road to compound	1	96.00	4.25		408.00			
	24th cross, compound to main road	1	50.40	4.15		209.16			
	1st main	1	499.30	4.80		2396.64			
	2nd main	1	464.50	4.27		1981.09			
	3rd main	1	567.60	6.33		3590.07			
	18th cross, from main road upto Agrahara main road junction	1	192.00	4.64		890.88			
	7th main from Thirumenahalli Main Road	1	147.10	4.56		670.78			
	5th main from Thirumenahalli Main Road	1	172.60	4.84		835.38			
	2nd main from Thirumenahalli Main Road to Masjid Road	1	158.90	4.54		721.41			
	10th cross 1st main to compound	1	142.90	4.49		641.62			
	11th cross from compound to 3rd main	1	253.00	4.47		1130.91			

	[illegible]cross from compound to [illegible] main	1	163.00	4.63		754.69			
	[illegible]th cross from compound to 4th main	1	216.30	5.01		1083.66			
	17th cross from compound to 3rd main	1	153.05	4.53		693.32			
	19th cross from compound to 3rd main	1	144.00	4.20		604.80			
	20th cross from compound to 3rd main	1	140.80	4.53		637.82			
	14th cross, 1st main mid to end	1	53.80	4.27		229.73			
	Agrahara Layout main road	1	453.60	6.95		3152.52			
	Deduct for Culvert	-10	4.50	1.50		-67.50			
				Total		**26130.62**	**27.56**	**Sqm**	**720160**
9	*KSRRB 500-7. Providing and applying tack coat on the prepared black topped surfaces at 5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5 P-159, It 21.7*								
	Basic Rate	*11.00*							
	Area Weightage6%	*0.66*							
	Total	***11.66***							
	Thirumenahalli main road	1	596.00	6.90		4112.40			
	3rd main, near bus stop	1	22.90	19.55		447.70			
		-1	2.70	4.80		-12.96			
	Agrahara Layout main road	1	453.60	6.71		3043.66			
				Total		**7590.79**	**11.66**	**Sqm**	**88509**
10	*KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 BitumenP-162, It 21.17.6*								
	Basic Rate	*6071.00*							
	Area Weightage6%	*364.26*							
	Total	***6435.26***							
	Thirumenahalli main road	1	596.00	6.90	0.05	205.62			
	3rd main, near bus stop	1	22.90	19.55	0.05	22.38	-		
		-1	2.70	4.80	0.05	-0.65			
	Agrahara Layout main road	1	453.60	6.71	0.05	152.18			
				Total		**379.54**	**6435.26**	**Cum**	**2442436**
11	*KSRRB M500-19. Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder a and filler, transporting the hot mix to work site, laying with a paver finisher with to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 509 complete in all respects as per specifications. using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 5.4% VG-30 Bitumen* ***P-164, It 21.22.6***								
	Basic Rate	*6859.00*							
	Area Weightage6%	*411.54*							
	Total	***7270.54***							
	Thirumenahalli main road	1	596.00	7.06	0.03	126.23			
	21st cross, main road to compound	1	187.10	4.32	0.03	24.25			
	22nd cross, compound to main road	1	133.40	4.12	0.03	16.49			
	23rd cross, main road to compound	1	96.00	4.25	0.03	12.24			
	24th cross, compound to main road	1	50.40	4.15	0.03	6.27			
	1st main	1	499.30	4.80	0.03	71.90			
	2nd main	1	464.50	4.27	0.03	59.43			
	3rd main	1	567.60	6.33	0.03	107.70			

	18th cross, from main road upto Agrahara main road junction	1	192.00	*4.64*	*0.03*	*26.73*			
	7th main from Thirumenahalli Main Road	1	147.10	*4.56*	*0.03*	*20.12*			
	5th main from Thirumenahalli Main Road	1	172.60	*4.84*	*0.03*	*25.06*			
	2nd main from Thirumenahalli Main Road to Masjid Road	1	158.90	*4.54*	*0.03*	*21.64*			
	10th cross 1st main to compound	1	142.90	*4.49*	*0.03*	*19.25*			
	11th cross from compound to 3rd main	1	253.00	*4.47*	*0.03*	*33.93*			
	15th cross from compound to 3rd main	1	163.00	*4.63*	*0.03*	*22.64*			
	16th cross from compound to 4th main	1	216.30	*5.01*	*0.03*	*32.51*			
	17th cross from compound to 3rd main	1	153.05	*4.53*	*0.03*	*20.80*			
	19th cross from compound to 3rd main	1	144.00	*4.20*	*0.03*	*18.14*			
	20th cross from compound to 3rd main	1	140.80	*4.53*	*0.03*	*19.13*			
	14th cross, 1st main mid to end	1	53.80	*4.27*	*0.03*	*6.89*			
	Agrahara Layout main road	1	453.60	*6.95*	*0.03*	*94.58*			
	Deduct for Culvert	-10	4.50	*1.50*	*0.03*	*-2.03*			
					Total	***783.92***	***7270.54***	***Cum***	***5699512***
12	*KSRRB M800-13: Road marking with hot applied thermoplastic compound with reflect rising glass beads on bituminous surface- providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface to level, uniform and free from streaks and holes complete as per specifications. MORTH specification No. 803, No. 1974 (P.No.185 & I.No.24.15)*								
	Basic Rte	*512.00*							
	Area Weightage 6%	*30.72*							
	Total	***542.72***							
	Thirumenahalli main road	2.5	596.00	*0.10*		*149.00*			
	21st cross, main road to compound	2	187.10	*0.10*		*37.42*			
	22nd cross, compound to main road	2	133.40	*0.10*		*26.68*			
	23rd cross, main road to compound	2	96.00	*0.10*		*19.20*			
	24th cross, compound to main road	2	50.40	*0.10*		*10.08*			
	1st main	2	499.30	*0.10*		*99.86*			
	2nd main	2	464.50	*0.10*		*92.90*			
	3rd main	2.5	567.60	*0.10*		*141.90*			
	18th cross, from main road upto Agrahara main road junction	2	192.00	*0.10*		*38.40*			
	7th main from Thirumenahalli Main Road	2	147.10	*0.10*		*29.42*			
	5th main from Thirumenahalli Main Road	2	172.60	*0.10*		*34.52*			
	2nd main from Thirumenahalli Main Road to Masjid Road	2	158.90	*0.10*		*31.78*			
	10th cross 1st main to compound	2	142.90	*0.10*		*28.58*			
	11th cross from compound to 3rd main	2	253.00	*0.10*		*50.60*			
	15th cross from compound to 3rd main	2	163.00	*0.10*		*32.60*			

	[illegible] cross from compound to [illegible] main	2	216.30	0.10		43.26			
	[illegible]7th cross from compound to [illegible]rd main	2	153.05	0.10		30.61			
	[illegible]8th cross from compound to 3rd main	2	144.00	0.10		28.80			
	20th cross from compound to 3rd main	2	140.80	0.10		28.16			
	14th cross, 1st main mid to end	2	53.80	0.10		10.76			
	Agrahara Layout main road	2.5	453.60	0.10		113.40			
	Deduct for Culvert	-10	4.50	0.10		-4.50			
				Total		**1073.43**	**542.72**	**Sqm**	**582572**
13	*Providing precast slab of 100 mm thick including cost of all materials, labour, curing,transportation,loading ,unloading,etc.,complete*								
	Basic Rte	*2100.00*							
	Damaged/missing	283	0.60	0.90		152.82			
				Total		**152.82**	**2100.00**	**Sqm**	**320922**
	Total Construction Amount								**29444772**
	PMC Charges								**555000**
	SUB TOTAL								**29999772**
	Miscellaneous & Rounding off							**L/S**	**228**
	Total Rs:								**30000000**

CERTIFICATE

1. *The work spot has been inspected and found to be necessary*
2. *The work spot comes under BBMP Limits*
3. *The provisions made in the estimate are necessary and minimum*
4. *The estimate is based on CSR of 2016-2017*

Assistant Engineer
Yelahanka Project Division

Assistant Executive Engineer
Yelahanka Project Division

Executive Engineer
Yelahanka Project Division